

# Precast Concrete Restrooms

10/8/2015  
City of Gallatin

## 1.0 Introduction

The City of Gallatin is seeking bids for **(2) Precast Concrete Restrooms** for the Leisure Services Department. Bids will be due on October 21st 2015 at 2:00 pm in a sealed envelope clearly marked: **(2) Precast Concrete Restrooms.**

## 2.0 Technical Requirements

### Layout:

1. Four individual rooms, each to include (1) Water closet and (1) Lavatory
2. One of the four rooms to be ADA compliant
3. Utility chase with rear access

### Interior:

1. Walls and ceiling: Insulation package with FRP paneling, White
2. Floor: Smooth concrete painted with epoxy, Gray
3. Chase walls: Stud with FRP paneling, White

### Exterior:

1. Walls: Concrete with simulated brick finish, sealed and stained, choice of color
2. Roof: Concrete with simulated metal roof, sealed and stained, choice of color

### Doors:

1. 3'0" x 7'0" 18 gauge steel insulated w/ 16 gauge cast-in-place frames
2. 3 hour fire rating
3. NRP stainless steel hinges
4. Mortise lever locksets
5. Aluminum thresholds
6. Hydraulic door closers
7. Galvanized, primed and painted

### Electrical:

1. 48" 32W dual bulb florescent fixtures throughout (operated by switches)
2. GFCI duplex receptacle in chase
3. Tankless water heaters
4. 125 amp exterior breaker panel
5. Exterior light with photocell on front (optional at rear of building)
6. Concealed wiring in restroom areas, surface mounted in chase

#### HVAC:

1. Exhaust fans operated with light switch in restrooms
2. Louvers in restroom doors
3. Electric heater in plumbing chase
4. Mini split A/C units for restrooms

#### Plumbing:

1. Water closet fixtures – vitreous china with concealed manual flush valves
2. Lavatory fixtures – vitreous china with single lever faucet
3. Waste, vent and water lines pre-plumbed to floor openings
4. Hose bibs in chase and each restroom
5. All Piping PVC and PEX
6. Sewer and water stub-ups required

#### Accessories:

1. Grab bars 18 gauge, type 304 stainless steel
2. Dual toilet paper holders, stainless steel
3. Fixed tilt mirrors, ADA compliant
4. C-fold paper towel holders, stainless steel

#### Quality Assurance:

- International building code – 2009
- National electrical code – 2011
- Florida building code – 2007
- ACI-318-2008, “Building code requirements for reinforced concrete”
- ASCE-7-2008 “Minimum design loads for building and other structures”
- UL-752 Test method level four (4) for bullet resistance certified by an independent structural engineer
- Concrete reinforcing institute, “Manual of standard practice”
- PCI design handbook – 6<sup>th</sup> edition
- Steel construction manual – AISC 360-05
- ADA standards – 28 CFR part 36 – 1994

#### Structural Specifications:

- Concrete: Steel-reinforced, polypropylene fiber reinforced, 5000 PSI minimum 28-day compressive strength, air-entrained (ASTM C260)
- Walls and roof: 2 hour fire rated
- Walls 4”, floor 6”, roof 4” (Concrete gable style roof)
- Loadings: Wind 140 MPH, roof 60 PSF, floor 250 PSF
- Reinforcing steel: ASTM A615, grade 60 unless otherwise indicated
- Reinforcing fiber: Polypropylene fiber, fiber mesh @ 1.5 pounds per cubic yard
- Caulking: All joints between panels shall be caulked on the exterior and interior surface of the joints. Caulking shall be SIKAFLEX-1A elastic sealant or equal
- Panel connections: All panels shall be securely welded together with ¼” thick steel brackets. Steel is to be of structural quality, hot-rolled carbon complying with ASTM A283, grade C. Cast-in anchors used for panel connections to be Dayton-Superior #F-63, or equal

*These are minimum specs required. Equal or better would be accepted.*

### **3.0 Vendor Requirement**

- Meet above specifications. See Drawings
- Price to include delivery, FOB to Gallatin TN 37066.
- Provide specification sheet for products being bid.

### **4.0 Evaluation of Proposals**

The City of Gallatin will award the contract to lowest responsible and responsive bidder meeting specifications, quality, and performance standards pursuant to the Municipal Purchasing Act of 1983. Response will be based on the following factors;

- Completeness of response
- Cost
- Vendor track record, including references
- Quality of service
- Quality of product

### **5.0 Contract Award**

The City of Gallatin reserves the right to reject any or all proposals and to waive any informality found therein. The City of Gallatin will award a contract based on evaluations described above. In the event that the lowest bidder is not available at time of need, the city reserves the right to go with the next lowest bidder.

### **6.0 Question Submissions**

Facility: Long Hollow Golf Course  
Attn : David Brown  
210 Albert Gallatin Ave  
Gallatin TN 37066  
Telephone: 615-642-1283

## **7.0 Proposal Submission**

**ALL SUBMISSIONS MUST BE SEALED AND CLEARLY MARKED**

### **Precast Concrete Restrooms**

**BID DUE DATE: October 21<sup>st</sup> 2015 @ 2:00pm**

Proposals shall be directed to the attention of:

Finance Department

Attn: J.R.Smith, Jr

132 West Main Street

Gallatin, TN 37066

Telephone: 615-451-5963

**PRICE SHEET: PRICES ARE TO BE GOOD FOR 60DAYS**

Precast Concrete Restrooms (2)    \$\_\_\_\_\_

Name of Company: \_\_\_\_\_

Address: \_\_\_\_\_

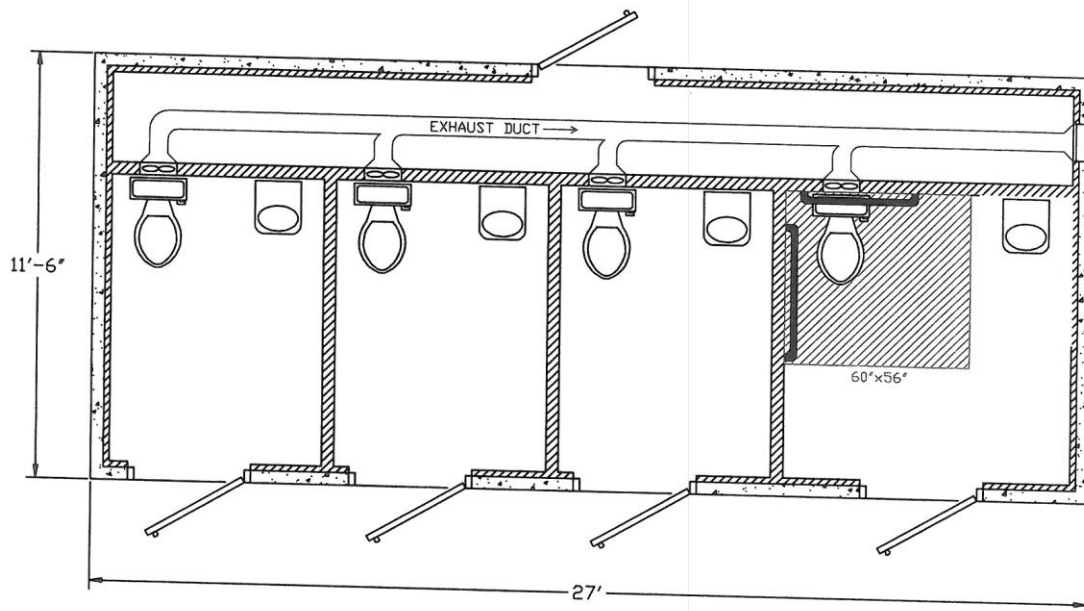
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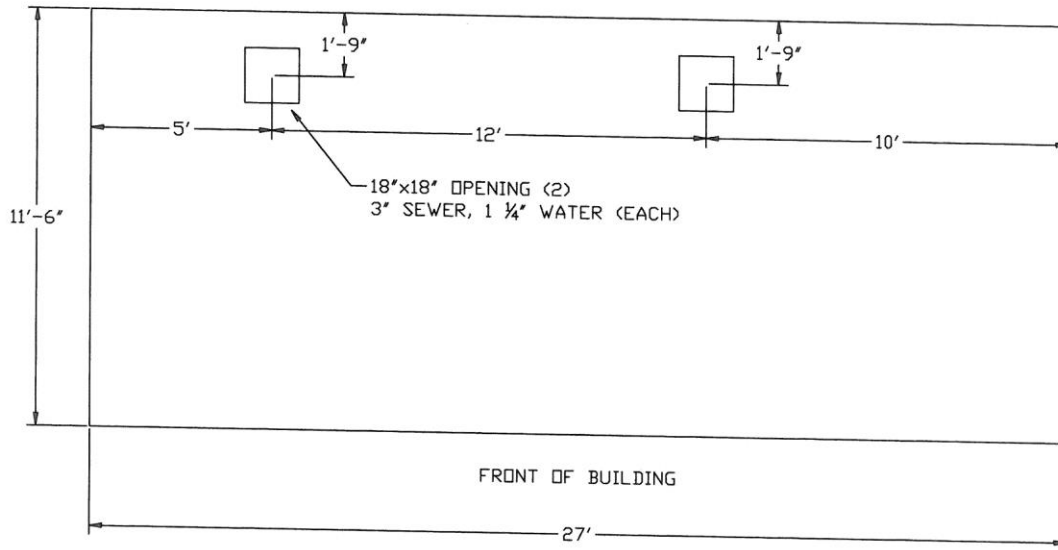
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FLOOR PLAN



FLOOR OPENINGS